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Paper # 11

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* W E L C O M E T O T H E *
* U . S . P A T E N T T E X T F I L E *
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=> s glutamine synthetase? and clon?

7990 GLUTAMINE

2374 SYNTHETASE?

154 GLUTAMINE SYNTHETASE?

(GLUTAMINE(W) SYNTHETASE?)

16702 CLON?

L1 112 GLUTAMINE SYNTHETASE? AND CLON?

=> s l1 and hamster?

4134 HAMSTER?

L2 45 L1 AND HAMSTER?

=> d 12,1-45,cit

1. 5,653,975, Aug. 5, 1997, Compositions and methods for the delivery of biologically active molecules using cells contained in biocompatible capsules; Edward E. Baetge, et al., 424/93.1, 93.2, 93.21, 93.3, 93.7; 435/172.3 [IMAGE AVAILABLE]

2. 5,652,138, Jul. 29, 1997, Human neutralizing monoclonal antibodies to human immunodeficiency virus; Dennis R. Burton, et al., 435/252.33; 424/142.1, 148.1, 160.1; 435/69.6, 172.3, 320.1; 530/388.15, 388.35, 389.4 [IMAGE AVAILABLE]

3. 5,644,036, Jul. 1, 1997, Purified immunoglobulin; Paul Ian Nicholas Ramage, et al., 530/412; 435/69.6; 530/413, 416, 417 [IMAGE AVAILABLE]

4. 5,639,275, Jun. 17, 1997, Delivery of biologically active molecules using cells contained in biocompatible immunoisulatory capsules; Edward E. Baetge, et al., 604/891.1; 424/93.1, 93.2, 422, 424; 435/172.3 [IMAGE AVAILABLE]

5. 5,637,768, Jun. 10, 1997, Process for making (2S,5S)-5-fluoromethylornithine; Karin Jund, et al., 562/561 [IMAGE AVAILABLE]

6. 5,633,162, May 27, 1997, Method for culturing Chinese **hamster** ovary cells; Michael J. Keen, et al., 435/384, 386, 387 [IMAGE AVAILABLE]

7. 5,631,158, May 20, 1997, Methods and compositions for high protein production from non-native DNA; Haimanti Dorai, et al., 435/172.3, 70.21, 172.2, 252.3, 320.1; 530/387.3, 867; 536/23.53, 23.72, 24.1 [IMAGE AVAILABLE]

8. 5,627,047, May 6, 1997, Astrocyte-specific transcription of human genes; Michael Brenner, et al., 435/69.1, 69.7, 320.1, 325, 354, 368; 536/23.4, 23.5, 24.1 [IMAGE AVAILABLE]

9. 5,627,033, May 6, 1997, Mammalian expression vectors; John M. Smith, et al., 435/6, 91.41, 172.3, 320.1, 325, 358, 365 [IMAGE AVAILABLE]

10. 5,623,053, Apr. 22, 1997, Soluble mammal-derived Fc receptor which binds at a pH ranging from about 5.5 to 6.5 and releases at a pH ranging from about 7.5 to 8.5; Louis N. Gastinel, et al., 530/350; 435/69.1

[IMAGE AVAILABLE]

11. 5,614,385, Mar. 25, 1997, Methods and compositions for high protein production from recombinant DNA; Hermann Oppermann, et al., 435/69.4, 254.2, 325 [IMAGE AVAILABLE]

12. 5,612,213, Mar. 18, 1997, Method of selecting mammalian cell lines having improved productivity; Sham Y. Chan, 435/6, 69.1, 320.1, 325, 366, 369 [IMAGE AVAILABLE]

13. 5,605,690, Feb. 25, 1997, Methods of lowering active TNF-.alpha. levels in mammals using tumor necrosis factor receptor; Cindy A. Jacobs, et al., 424/134.1; 435/69.7; 514/12, 825; 530/350, 387.3, 866, 868 [IMAGE AVAILABLE]

14. 5,599,788, Feb. 4, 1997, Method for accelerating skin wound healing with H3 protein; Anthony F. Purchio, et al., 514/2; 424/278.1, 409; 514/12, 885, 886, 887, 944, 945, 946, 947 [IMAGE AVAILABLE]

15. 5,591,630, Jan. 7, 1997, Monoclonal antibodies that bind interleukin-15 receptors; Dirk M. Anderson, et al., 435/331, 334; 530/388.22 [IMAGE AVAILABLE]

16. 5,589,374, Dec. 31, 1996, Diabetogene rad: a type II diabetes specific gene; C. Ronald Kahn, et al., 435/69.1, 252.3, 320.1; 536/23.2, 23.5 [IMAGE AVAILABLE]

17. 5,585,237, Dec. 17, 1996, Methods and compositions for high protein production from recombinant DNA; Hermann Oppermann, et al., 435/6, 172.3, 325, 350, 353, 358 [IMAGE AVAILABLE]

18. 5,580,723, Dec. 3, 1996, Method for identifying active domains and amino acid residues in polypeptides and hormone variants; James A. Wells, et al., 435/6, 7.1, 69.1, 71.1; 436/501; 530/387.1, 388.1, 399, 806, 808; 935/10, 11, 12, 13, 14, 15, 76, 77, 82 [IMAGE AVAILABLE]

19. 5,578,461, Nov. 26, 1996, Gene manipulation and expression using genomic elements; Stephen Sherwin, et al., 435/69.1, 172.3, 244, 320.1; 536/23.1, 24.1; 935/28, 33, 55 [IMAGE AVAILABLE]

20. 5,561,053, Oct. 1, 1996, Method for selecting high-expressing host cells; Craig W. Crowley, 435/69.1, 172.3, 320.1, 358; 536/23.2 [IMAGE AVAILABLE]

21. 5,545,723, Aug. 13, 1996, Muteins of IFN-.beta.; Susan E. Goelz, et al., 424/85.6; 435/69.51, 252.3, 320.1; 514/12; 530/351; 536/23.52 [IMAGE AVAILABLE]

22. 5,545,405, Aug. 13, 1996, Method for treating a mammal suffering from cancer with a cho-glycosylated antibody; Martin J. Page, 424/133.1, 130.1, 143.1, 172.1, 174.1; 435/70.3, 71.1, 320.1; 530/387.1, 388.1, 388.22, 388.73, 388.75, 389.1, 389.6, 389.7 [IMAGE AVAILABLE]

23. 5,545,404, Aug. 13, 1996, Method for treating a mammal suffering from a T-cell medicated disorder with a CHO-Glycosylated antibody; Martin J. Page, 424/133.1, 130.1, 143.1, 173.1, 174.1; 435/70.3, 71.1, 320.1; 530/387.1, 388.22, 388.73, 388.75, 388.8, 389.1, 389.6, 389.7 [IMAGE AVAILABLE]

24. 5,545,403, Aug. 13, 1996, Method for treating a mammal by administering a CHO-glycosylated antibody; Martin J. Page, 424/133.1, 130.1, 135.1, 136.1, 138.1, 143.1, 147.1, 150.1, 159.1, 172.1, 174.1; 435/70.3, 71.1, 320.1; 530/387.1, 388.1, 388.22, 388.73, 388.75, 389.1, 389.6, 389.7 [IMAGE AVAILABLE]
25. 5,496,934, Mar. 5, 1996, Nucleic acids encoding a cellulose binding domain; Oded Shoseyov, et al., 536/23.7; 435/252.3, 320.1; 536/23.1, 24.33 [IMAGE AVAILABLE]
26. 5,468,845, Nov. 21, 1995, Antibodies to osteogenic proteins; Hermann Oppermann, et al., 530/387.9, 350 [IMAGE AVAILABLE]
27. 5,464,937, Nov. 7, 1995, Type II Interleukin-1 receptors; John E. Sims, et al., 530/350 [IMAGE AVAILABLE]
28. 5,447,913, Sep. 5, 1995, Therapeutic uses of bactericidal/permeability-increasing protein dimer products; William S. Ammons, et al., 514/12, 21; 530/350 [IMAGE AVAILABLE]
29. 5,427,940, Jun. 27, 1995, Engineered cells producing insulin in response to glucose; Christopher B. Newgard, 435/366; 424/520; 435/4, 6, 69.1, 172.1, 172.2, 172.3, 320.1; 530/303, 350, 389.2, 397 [IMAGE AVAILABLE]
30. 5,420,247, May 30, 1995, Leukemia inhibitory factor receptors and fusion proteins; David P. Gearing, et al., 530/350, 387.3, 388.23, 391.1, 402; 536/23.51 [IMAGE AVAILABLE]
31. 5,420,019, May 30, 1995, Stable bactericidal/permeability-increasing protein muteins; Georgia Theofan, et al., 435/69.1, 252.3, 320.1; 530/350; 536/23.5 [IMAGE AVAILABLE]
32. 5,395,760, Mar. 7, 1995, DNA encoding tumor necrosis factor-.alpha. and -.beta. receptors; Craig A. Smith, et al., 435/365; 424/85.1; 435/69.4, 172.3; 530/351, 388.23; 536/23.51 [IMAGE AVAILABLE]
33. 5,376,567, Dec. 27, 1994, Expression of interferon genes in Chinese **hamster** ovary cells; Francis P. McCormick, et al., 435/320.1; 424/85.4; 435/69.51, 91.41, 252.3, 358; 536/23.52; 935/23, 56 [IMAGE AVAILABLE]
34. 5,354,557, Oct. 11, 1994, Osteogenic devices; Hermann Oppermann, et al., 424/423, 422, 424, 426 [IMAGE AVAILABLE]
35. 5,350,683, Sep. 27, 1994, DNA encoding type II interleukin-1 receptors; John E. Sims, et al., 435/69.1, 252.3, 320.1; 530/350; 536/23.5 [IMAGE AVAILABLE]
36. 5,316,938, May 31, 1994, Defined media for serum-free tissue culture; Michael J. Keen, et al., 435/404, 71.1 [IMAGE AVAILABLE]
37. 5,284,755, Feb. 8, 1994, DNA encoding leukemia inhibitory factor receptors; David P. Gearing, et al., 435/69.1, 69.7, 252.3, 320.1; 536/23.4, 23.5 [IMAGE AVAILABLE]
38. 5,266,683, Nov. 30, 1993, Osteogenic proteins; Hermann Oppermann, et

al., 530/326, 327, 328, 350, 395, 840 [IMAGE AVAILABLE]

39. 5,122,464, Jun. 16, 1992, Method for dominant selection in eucaryotic cells; Richard H. Wilson, et al., 435/172.3, 320.1 [IMAGE AVAILABLE]

40. 5,098,703, Mar. 24, 1992, Interferon-alpha 76; Michael A. Innis, 424/85.7; 435/69.51, 811; 530/351; 536/23.52 [IMAGE AVAILABLE]

41. 5,043,270, Aug. 27, 1991, Intronic overexpression vectors; John M. Abrams, et al., 435/69.1, 172.3, 320.1, 358; 536/23.2, 23.5; 935/34, 61, 66, 70, 71, 79, 84 [IMAGE AVAILABLE]

42. 4,975,276, Dec. 4, 1990, Interferon-alpha 54; Michael A. Innis, 424/85.7, 85.4; 435/69.51, 811; 530/351 [IMAGE AVAILABLE]

43. 4,973,479, Nov. 27, 1990, Interferon-.alpha.61; Michael A. Innis, 424/85.7, 85.4; 435/69.51, 811; 530/351 [IMAGE AVAILABLE]

44. 4,966,843, Oct. 30, 1990, Expression of interferon genes in Chinese **hamster** ovary cells; Francis P. McCormick, et al., 435/69.51, 70.1, 70.3, 70.5, 172.1, 172.3, 320.1, 360, 811; 536/23.5, 23.52, 24.1; 935/11, 34, 70 [IMAGE AVAILABLE]

45. 4,956,288, Sep. 11, 1990, Method for producing cells containing stably integrated foreign DNA at a high copy number, the cells produced by this method, and the use of these cells to produce the polypeptides coded for by the foreign DNA; James G. Barsoum, 435/172.3, 69.1, 70.1, 71.1, 172.1, 252.3; 935/16, 33, 52 [IMAGE AVAILABLE]

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